Abstract

For the space-saving packing of individual objects supplied one behind the other, it is proposed to introduce these objects between two bands and to wind up these bands under tensioning onto a core. If the objects are compressible objects, they may be compressed in the process, with the result that the amount of space required is further reduced.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International publication date 23 October (23.10.2003)

PCT

(10) International publication number

WO 03/086872 A1

(51) International patent classification⁷:

B65B 63/02, 9/02

(21) International application number:

PCT/EP03/03763

(22) International filing date:

11 April 2003 (11.04.2003)

(25) Language of filing:

German

(26) Language of publication:

German

.

(30) Data relating to the priority:

102 17 240.4

15 April 2002 (15.04.2002)

DE

(71) Applicant (for all designated States except US): OPTIMA FILLING AND PACKAGING MACHINES GMBH [DE/DE]; Steinbeisweg 20, 74523 Schwäbisch Hall (DE).

(72) Inventors; and

(75) Inventors/Applicants (US only): PFEIFER, Georg [DE/DE]; Gutenbergstrasse 17, 74523 Schwäbisch Hall (DE).

(74) Attorney: RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) Designated states (national): JP, KR, US.

(84) Designated states European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:

With International Search Report.

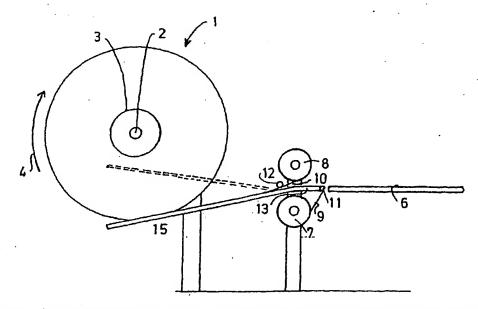
 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[continued on next page]

As printed

(54) Title: METHOD AND DEVICE FOR PACKING OBJECTS

(54) Bezeichnung: VERFAHREN UND VORRICHTUNG ZUM VERPACKEN VON GEGENSTÄNDEN



(57) Abstract: In order to reduce the space required for packing successively delivered individual objects, said objects are interweaved between two strips and said strips are wound onto a core while being tensed. If said objects are compactable, the objects can be compacted during said process such that the required space is further reduced.

03/086872 A1

WO 03/086872 A1

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

⁽⁵⁷⁾ Zusammenfassung: Zum Platz sparenden Verpacken von einzelnen hintereinander angelieferten Gegenständen wird vorgeschlagen, diese zwischen zwei Bänder einzufädeln und diese Bänder unter Spannung auf einen Kern aufzuwickeln. Wenn es sich bei den Gegenständen um komprimierbare Gegenstände handelt, können diese dabei komprimiert werden, so dass der benötigte Platz weiter verringert wird.